

# The Groundplane

DINNER LOCATION — CHILI GARDEN RESTAURANT 6 PM

JULY 2006 VOLUME 7 ISSUE 7

**I**t is hard to believe that this year is half behind us and another SBARA Field Day has been successfully completed. This year's Field Day started for many of the SBARA members month's in advance with their effort to sell K2 raffle tickets, acquiring Bandpass filters to reduce interference, home-brewing new antennas and assembling and testing the equipment that they were planning to use. As a result, the setting up on Friday at 11:00AM went smoother than ever before and many of the stations were 'on the air' in the afternoon and 'test' contacts completed by evening.

In conjunction with Jeffery Koger KG6NEB, who represented ARES and CERT, SBARA operated stations on 2M CW and SSB, 6M SSB, 15M GOTA, 20M PSK31, CW & SSB, 40M CW & SSB and during the 'wee hours' Sunday morning, 80M CW & SSB. At the beginning on Saturday SBARA operated five stations so this year we were 5A East Bay. The Friday setup and Sunday take down crews were

fast and efficient and a big thank you goes for all of you who showed up to help.

Friday night Sam Severs, WS6S cooked a great dinner for all the participants who spent the night in the park and again a breakfast Saturday morning. As always, one of the highlights was the Saturday afternoon barbeque with Harry Lau KF6QAK and his team doing a great job. SBARA member Lloyd Hartshorn N6DOK won the K2 raffle. Go to <http://www.sbara.org/> to see Andy Romeril KG6MDS presenting Lloyd the K2 Transceiver. (Continued on Page 2)

## July Meeting Program

**H**omebrew Night at SBARA  
What 'homebrew' projects have you built to use for your amateur radio hobby? At the July SBARA meeting you will have a chance to display your homebrew projects along with your fellow members. Bring along what you have in progress no matter what stage of completion it is at.

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SBARA Dinner  
Chili Garden  
3241 Walnut Avenue  
Fremont—6PM

## Articles of Interest

Zucchini Festival  
Festival of the Arts

## Meeting Raffle — By Gene Arrillaga — KF6ZYD

**T**he July raffle offers THE ARRL HANDBOOK, an HT antenna window mount, and one year of "WorldRadio"

magazine all for a \$5 buy in for 5 tickets. After the initial buy in you will be able to increase your chances by purchasing additional tickets at \$1 each.

The ARRL Handbook 2006 edition. Including The ARRL Handbook on CD-ROM version 10.0. the complete and fully searchable book including many color images, additional software and reference material.

Since 1926, generations of radio amateurs and experimenters have come to know The ARRL Handbook as THE standard in applied electronics, communications.

The 2006 Handbook includes many practical

projects (even weekend-builds!) for receivers and transmitters, transceivers, power supplies, RF amplifiers, station accessories, and antennas.

The antenna window mount lets you use your handheld in your car, the coax is approximately 9 feet long so that you can mount the SMA antenna outside where it belongs.

Published monthly in California WorldRadio features these columns: 10-10 International, Aerials, Amateur Satellites, Contest Corner, DX World, Emergency Communications, HF Mobile, MARS, Morse Code, Old-Time Radio, Propagation, QRP, Rules & Regs, Traffic and With The Handi-Hams.

SBARA would like to thank HRO and WorldRadio for their generous help in obtaining raffle prizes.

Gene

### Field Day

(from page 1)

During the 24 hours of operation, the SBARA Field Day team of operators made a little fewer than **1,800 contacts**

for a total of **6,160 points**.

Last year we earned a total of 5,434 points so SBARA's team keeps getting better and better as HF operators.

Hope all of you who partici-

pated at this year's SBARA Field Day had as much fun as I did. See you next year for sure!

73, Al - WT6K

### Homebrew Night

(from page 1)

Never underestimate the impact your home brew project

may have on a new ham or another fellow member.

Homebrew items are inspirational to all of us. Don't forget to bring along and show

the rest of us what projects you have in progress or completed. See you and your homebrew project at the SBARA July 14th meeting.



# Field Day in Photos 2006



Bernhard and two up and coming hams



Amanda & Doug making those contacts



Andy presenting the K2 Grand Prize to  
Lloyd



Amanda and Doug on 40 Meters —  
What was that call? Oh DUPE!!



SBARA 2006 Field Day Attendees

## SBARA Operating Stations — Leadership Team

South Bay Amateur Radio Association (SBARA) operated from Central Park, at Fremont, California using the club's call sign KU6S. SBARA operated stations on 2M CW and SSB, 6M SSB, 15M GOTA, 20M PSK31, CW & SSB, 40M CW & SSB and during the 'wee hours' Sunday morning, 80M CW & SSB stations.

Over the Field Day weekend there was an exhibit in Central Park on the Hayward Earthquake Fault that passes through Fremont and cuts through the park. The exhibit consisted of a trench that you would travel down underground to view the fault-line fracture from the 1868 earthquake that destroyed Mission San Jose and many of the structures in the area. On Field Day weekend over 700 people visited the exhibit and the docents directed those interested to visit SBARA's emergency communications exercise taking place adjacent

to the exhibit.

For the first time we had elected officials visit our Field Day site. Fremont Vice Mayor Steven Cho and Council Member Anu Natara-jan both showed interest in amateur radio's role for emergency communications. Vice Mayor Cho called CQ using the GOTA station and invited SBARA to participate later in the year at the 50-year anniversary celebration for the city.

As always, one of the highlights was the Saturday afternoon barbeque with Harry Lau KF6QAK and his team doing a great job. SBARA member Lloyd Hartshorn N6DOK won the K2 Transceiver raffle. Go to <http://www.sbara.org/> to see Andy Romeril KG6MDS, SBARA President, presenting Lloyd the raffle prize.

73, SBARA Leadership Team.

**NOTICE: SBARA MEMBERS WHO SIGN UP FOR A SHIFT WILL BE AUTOMATICALLY ENTERED IN A DRAWING AS A 'THANK YOU' FOR HELPING THIS YEAR. August 19 & 20**

**H**ow does SBARA raise the funds to pay the rent at the Veterans Building and sponsor all the year's activities? The answer is by our membership participating in fundraising events, like the Hayward Zucchini Festival. Last year we received \$1,300 for our support

in 2004. The Zucchini Festival has the potential to be SBARA's major fundraiser if we can recruit enough participants to fill all the shifts on both days of the festival. We start early to achieve filling every shift, so the Leadership team is asking you to consider signing up for a shift on August 19<sup>th</sup> or 20<sup>th</sup>. You do not need to bring anything since the Festival provides the Business Band Transceivers. It's fun for the family too. If you are interested in bringing the

entire family Mike Fung WA6AWI will provide a family pass for any SBARA member who signs up for a shift. If you haven't participated in the past give it a try this year. The festival is close by in Hayward and takes only a few hours of your time. The benefit is enormous for SBARA. Go to [www.sbara.org](http://www.sbara.org) and click on the flashing 'Hayward Zucchini Festival' in the menu bar for map to Kennedy Park.

Al Rendon



## Treasurer Note, July 2006 — Bernhard, DL4MHK

**H**ave you been on the 2006 Fieldday? I have, and I had great fun. I was visiting all stations over the day and then operating CW all night (which I had to pay for during the following days :-). The field day was a tremendous success, it did not only attract many people, the event was fun for all, hams and visitors.

Like in the previous years we had set up a raffle. The prize was once again an Elecraft K2, a very nice rig! The number of raffle tickets was limited to 300. Setting up such a raffle is expensive, the rig must be purchased, and also tickets must be printed. Some extra cost goes into admissions fees for Swap Meetings e.c. Overall, one must be quite brave to try this. We dared, and the K2 raffle brought us more than double the money the K2 purchase did cost! Many thanks to Mike K6EEP, who did as usual a great job putting the K2 kit together, to Al WT6K, Steve KA6S and Sam WS6S, who



sold out practically all 300 available tickets! The K2 is such an attractive prize, no wonder that this went so well. I'm also happy to announce that this year the prize went to one of our own members, Lloyd N6DOK. Have fun with it, Lloyd!

The money we made has been partially used to make the fieldday happen. Operating all day and all night makes you hungry. The remaining money may go into an SBARA station we are planning to set up some time in the future.

I will definitely join the next fieldday again. It's too much fun to miss.

--... ..--

Bernhard, -.. -.. ....- -- .... -.-

PS: Did you pay your membership dues? If not, please send a check (no form required) to: SBARA, P.O.Box 8377, Fremont CA 94537-8377. Membership fee is \$20 per member, or \$25 for families, or \$10 for seniors. Thanks!

*Festival of the Arts — August 5-6 Come to the Fremont Festival of the Arts this summer. Home of the Firefighter Combat Challenge. There is also many artists selling their wares and the world-famous wine tasting.*

***Happy Independence  
Support Our Troops III***



## Photo Montage of Field Day 2006

That's the Vice Mayor of  
Fremont, Steven Cho with  
Andy

Harry our Iron Chef

See Adam on the 40  
Meter Dipole—He's looking  
for Waldo!!!





**ANAHEIM, CA**

(Near Disneyland)  
933 N. Euclid St., 92801  
(714) 533-7373  
(800) 854-6046  
Janet, KL7MF, Mgr.  
anaheim@hamradio.com

**BURBANK, CA**

2416 W. Victory Bl., 91506  
(818) 842-1786  
(800) 854-6046  
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1 mi. west I-5  
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**OAKLAND, CA**

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(510) 534-5757  
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oakland@hamradio.com

**SAN DIEGO, CA**

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Hwy. 163 & Claremont Mesa  
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**SUNNYVALE, CA**

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(800) 854-6046  
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**NEW CASTLE, DE**

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1509 N. Dupont Hwy., 19720  
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Rick, K3TL, Mgr.  
RT.13 1/4 mi., So. I-295  
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**PORTLAND, OR**

11705 S.W. Pacific Hwy.  
97223  
(503) 598-0555  
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Leon, W7AD, Mgr.  
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from Hwy. 5 & 217  
portland@hamradio.com

**DENVER, CO**

8400 E. Iliff Ave. #9, 80231  
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**PHOENIX, AZ**

1939 W. Dunlap Ave., 85021  
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Gary, N7GJ, Mgr.  
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phoenix@hamradio.com

**ATLANTA, GA**

6071 Buford Hwy., 30340  
(770) 263-0700  
(800) 444-7927  
Mark, KJ4VO, Mgr.  
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atlanta@hamradio.com

**WOODBRIIDGE, VA**

(Near Washington D.C.)  
14803 Build America Dr. 22191  
(703) 643-1063  
(800) 444-4799  
Steve, N4SR, Mgr.  
Exit 161, I-95, So. to US 1  
woodbridge@hamradio.com

**SALEM, NH**

(Near Boston)  
224 N. Broadway, 03079  
(603) 898-3750  
(800) 444-0047  
Chuck, N1UC, Mgr.  
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- All mode HF/6M/2M/70CM
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- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!****ALINCO****DJ-196T** 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!****DR-135TP** 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

**Low Pricing!**

## Handy Web Links

|                       |   |
|-----------------------|---|
| SBARA Web Site        | <a href="http://www.sbara.org">http://www.sbara.org</a>   |
| ARRL Main Site        | <a href="http://www.arrl.org/">http://www.arrl.org/</a>   |
| ARRL SCV Division     | <a href="http://www.arrl.org/sections/SCV.html">http://www.arrl.org/sections/SCV.html</a>       |
| ARRL East Bay Section | <a href="http://www.pdarrrl.org/ebsec/index.html">http://www.pdarrrl.org/ebsec/index.html</a>   |
| ARRL Contest Page     | <a href="http://www.arrl.org/contests">http://www.arrl.org/contests</a>                         |
| Contest Calendar      | <a href="http://www.hornucopia.com/contestcal">http://www.hornucopia.com/contestcal</a>         |
| Callsign Lookup (QRZ) | <a href="http://www.qrz.com/">http://www.qrz.com/</a>   |
| Vanity Callsign Info  | <a href="http://www.vanityhq.com/">http://www.vanityhq.com/</a>                                 |
| IRLP Main Page        | <a href="http://www.irlp.net/">http://www.irlp.net/</a>   |
| AMSAT                 | <a href="http://www.amsat.org/">http://www.amsat.org/</a>                                       |
| FCC Services          | <a href="http://wireless.fcc.gov/services/amateur">http://wireless.fcc.gov/services/amateur</a> |

### SBARA on the Internet

<http://www.sbara.org>

On the Air at 147.015 + PL 103.5

### Fremont Repeaters & Net Information

WA6PWW - 147.015 +600Khz, PL 103.5  
 WA6PWW - 223.900 -500Khz, PL 107.2  
 WA6PWW - 442.600 +5Mhz, PL 107.2  
 N6OXR - 146.940 -600Khz, PL 123.0  
 N6OXR - 441.525 +5Mhz, PL 123.0

### ***Groundplane SBARA Newsletter Copyright 2006 SBARA***

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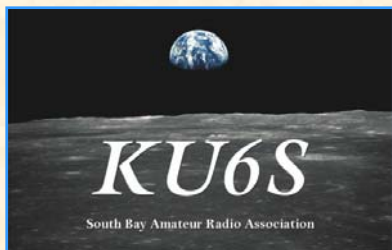
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 Sam Severs, WS6S  
 Douglas Wilson, KG6RHG





## ANNOUNCEMENTS

SBARA monthly meeting:

July 14th.

Veterans Hall in Niles

Homebrew Night



**SUPPORT YOUR CLUB — SIGN-UP FOR A SHIFT AT THIS YEARS  
ZUCCHINI FESTIVAL!!!**

The Ground Plane—KU6S

<http://www.sbara.org>

South Bay Amateur Radio Association — SBARA

P.O. Box 8377

Fremont, Ca. 94537-8377

'Support your club - Sign up for a shift at this year's Zucchini Festival'